

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A composition for forming an organic EL element having a luminescent layer having a certain color, the composition comprising:
a precursor of a conjugated polymer compound; and
a fluorescent dye,
the composition is capable of forming the luminescent layer ~~being formed by comprising~~ a mixture of the conjugated polymer compound and the fluorescent dye, and
the mixture determining a luminescence characteristic of the luminescent layer.
2. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein said luminescent layer is formed from a pattern of the composition which is formed by an ink-jet method.
3. (Canceled)
4. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the conjugated polymer compound is a hole injection and transfer material.
5. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the precursor of the conjugated polymer compound includes a polyarylene vinylene precursor.
6. (Previously Presented) The composition for forming an organic EL element as claimed in claim 5, wherein the polyarylene vinylene precursor includes a precursor of a polyparaphenylene vinylene or a polyparaphenylene vinylene derivative.

7. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the fluorescent dye includes rhodamine or rhodamine derivative.

8. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the fluorescent dye includes distyrylbiphenyl or distyrylbiphenyl derivative.

9. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the fluorescent dye includes coumarin or coumarin derivative.

10. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the fluorescent dye includes tetraphenylbutadiene (TPB) or tetraphenylbutadiene derivative.

11. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the fluorescent dye includes quinacridone or quinacridone derivative.

12. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the precursor of the conjugated polymer compound and the fluorescent dye exist in the state of being dissolved or dispersed into a polar solvent.

13. (Previously Presented) The composition for forming an organic EL element as claimed in claim 1, wherein the amount of the fluorescent dye is 0.5 to 10wt% with respect to a solid component of the precursor of the conjugated polymer compound.

14. (Previously Presented) The composition for forming an organic EL element as claimed in claim 2, wherein the ink-jet method uses an ink-jet device having a nozzle with a nozzle hole for discharging the composition, in which the composition contains a wetting agent for preventing the composition from being dried and solidified at the nozzle of the ink-jet device.

15. (Canceled)

16. (Previously Presented) The composition for forming the organic EL element as claimed in claim 1, wherein a viscosity of the composition for the organic EL element is 1 to 20cp.

17. (Previously Presented) The composition for forming the organic EL element as claimed in claim 1, wherein a surface tension of the composition for the organic EL element is 20 to 70dyne/cm.

18. (Withdrawn) A method of manufacturing an organic EL element, comprising the steps of:

coating a pattern by discharging the composition of claim 1 from a head by an ink-jet method; and

forming at least one luminescent layer for a certain color by conjugating the precursor of the conjugated organic polymer compound.

19. (Canceled)

20. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the luminescence characteristic is a maximum wavelength of light absorption.

21. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the conjugated organic polymer compound is a hole injection and transfer material.

22. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the precursor of the conjugated organic polymer compound includes a precursor of a polyarylene vinylene.

23. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 22, wherein the polyarylene vinylene precursor includes a precursor of a polyparaphenylene vinylene or a polyparaphenylene vinylene derivative.

24. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the fluorescent dye includes rhodamine or rhodamine derivative.

25. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the fluorescent dye includes distyrylbiphenyl or distyrylbiphenyl derivative.

26. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the fluorescent dye includes coumarin or coumarin derivative.

27. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the fluorescent dye includes tetraphenylbutadiene (TPB) or tetraphenylbutadiene derivative.

28. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein the fluorescent dye includes quinacridone or quinacridone derivative.

29. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein a contact angle with respect to a material constituting a nozzle surface of a nozzle of a device used for the ink-jet method for discharging the composition lies in the range of 30 to 170 degrees.

30. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein a viscosity of the composition for the organic EL element is 1 to 20cp.

31. (Withdrawn) The method of manufacturing the organic EL element as claimed in claim 18, wherein a surface tension of the composition for the organic EL element is 20 to 70dyne/cm.

32-34. (Canceled)

35. (Withdrawn) A method for manufacturing an organic EL element having a luminescent layer, the method comprising:

forming a pattern by discharging a composition from a nozzle, the composition including a polymer compound for forming the luminescent layer and at least one kind of dye for determining an emitted color of the luminescent layer, the at least one kind of dye having no substituent that is able to combine with the polymer compound.